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Reply to Office Action of April 4, 2005

Docket No. HI-0188

Amendments to the Abstract

The original Abstract has been revised and is attached at the end of this paper.

ABSTRACT OF THE DISCLOSURE

A projection type display optical system is provided to resolve problems of keystone distortion, and to improve illumination efficiency and contrast uniformity of an image. The system includes: a light source; an image display means on which a light ray is irradiated; and an illumination unit comprising: a rod lens emitting a brightness unified light ray; a first lens; an optical unit; and a projection part, wherein the first lens and the optical unit are set so that an optical axis of the optical unit and an optical axis of the first lens do not coincide with each other, whereby a surface image formed is not inclined to the surface of the image display means.